

Jan 4-7:20 AM

Feb 18-6:50 AM

# Welcome!!!

SECA Physics  
Thursday 30 April 2015

- \* Pick up: H. Leslie Grebe
- long sheet
  - blue concept sheet
  - slip of paper (for later)



PED survey?

## Opening Question:

What ways of making music do you have where you live / in your family???

BANGING ON ...

SINGING      GUITAR      PIANO

BEATS      RECORDER      Centering

VIOLIN      TRUMPET

Sep 7-7:04 AM

## Instruments:

How many ways can you find to change the sound of an instrument?

QUIET / LOUD

TIGHTEN — HIGHER

LOOSEN — LOWER

THUD / RING

Apr 21-7:45 AM

Categories for changing sound:

INTENSITY : AMPLITUDE  
= LOUDNESS

PITCH : FREQUENCY

QUALITY OF SOUND : TIMBRE : INTERFERENCE

Categories of INSTRUMENTS:

PINK STRING

YEL AIR TUBES, COLUMNS

BLUE PERCUSSION

Brainstorm instruments...

PIANO  $\rightarrow$  UPPER.  $\rightarrow$  STRING

CLARINET  $\rightarrow$  AIR

HARP  $\rightarrow$  STRING

TROMBONE  $\rightarrow$  AIR

DRUM

VOCALS/SINGING  $\rightarrow$  AIR

TRUMPET  $\rightarrow$  AIR

VIOLIN  $\rightarrow$  STRINGS

SAXOPHONE  $\rightarrow$  AIR

HARMONICA  $\rightarrow$  AIR

FLUTE  $\rightarrow$  AIR

BANTO

XYLOPHONE  $\rightarrow$  PERC.

ORGAN  $\rightarrow$  AIR COLUMNS

DIDGERY DOO

GUITAR  $\rightarrow$  STRING  $\rightarrow$  AIR

HARMONICS  
How many  $\lambda$  FIT



May 4-7:56 AM

## Outrageous Acts of Science

A show about viral videos and the science that makes them possible...

"Veggie Instruments" Power Junkies #17

1. Just watch
2. Read the questions
3. Watch again
4. Discuss
5. Watch a last time to catch anything you might have missed



Oct 4-7:27 AM

**Daily 3 Questions**

- \* Every day except test/project days
- \* 3 Questions on the topics of the day
- \* Main source of daily points
- \* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

CP hmwk: 2 higher-order questions on new topics

You can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1) Which sound word corresponds to AMPLITUDE?

- A) pitch
- ☒ B) intensity
- C) timbre

2) Which sound word corresponds to FREQUENCY?

- ☒ A) pitch
- B) intensity
- C) timbre

3) What is ONE of the three categories of instruments?

STRINGS, AIR COLUMNS, PERCUSSION

Apr 25-7:25 AM